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IS 4769 (1968): Trolley, Dressing [MHD 12: Hospital Equipment]



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IS : 4769 - 1968

Indian Standard

SPECIFICATION FOR TROLLEY, DRESSING

(First Reprint JUNE 1977)

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INDIAN STANDARDS INSTITUTION
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AMENDMENT NO. 1 MAY 1993
TO
IS 4769 : 1968 SPECIFICATION FOR TROLLEY,
DRESSING

(Page 4, clause 3.2) — Insert the following at the end of the clause:

‘The shelves may also be made from stainless steel sheet conforming to IS 5522 : 1992 having minimum thickness of 8 mm.’

(Page 4, clause 4.2, informal table, col 2, lines 1 and 2) — Substitute ‘1.20’ for ‘1.22’.

(Page 5, Fig. 1) — Substitute dia of the castor wheel ‘50 or 80’ for ‘50’.

(MHD 14)

Reprography Unit, BIS, New Delhi, India

AMENDMENT NO. 2 NOVEMBER 2011
TO
IS 4769 : 1968 SPECIFICATION FOR TROLLEY, DRESSING

(Amendment No.1, line 3) — Substitute ‘0.8 mm’ *for* ‘8 mm’.

(MHD 12)

Reprography Unit, BIS, New Delhi, India

Indian Standard

SPECIFICATION FOR TROLLEY, DRESSING

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(Continued on page 2)

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(Continued from page 1)

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Indian Standard

SPECIFICATION FOR TROLLEY, DRESSING

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 27 September 1968, after the draft finalized by the Hospital Equipment Sectional Committee had been approved by the Consumer Products Division Council.

0.2 The formulation of Indian Standards on hospital equipment has been taken up at the instance of the Advisory Committee for Development of surgical Instruments, Equipment and Appliances, Government of India.

0.3 This standard forms one of a series of Indian Standards on hospital furniture. Other standards in the series are:

IS : 4033-1968 General requirements for hospital furniture

IS : 4034-1968 Castors for hospital equipment

IS : 4035-1967 Trolleys, stretcher

IS : 4036-1967 Trolleys, patient

IS : 4037-1967 Stretcher and Stretcher carriers

IS : 4266-1967 Lockers, bedside for hospital use

IS : 4267-1967 Stands, wash hand basin

IS : 4455-1967 Trolleys, soiled linen

IS : 4458-1967 Screens, bedside

IS : 4494-1968 Tables, overbed

IS : 4787-1968 Table, examination

0.4 IS : 4033-1968* is a necessary adjunct to this standard.

0.5 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS : 2-1960†. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

*General requirements for hospital furniture.

†Rules for rounding off numerical values (*revised*).

1. SCOPE

1.1 This standard specifies requirements of dressing trolleys used in hospitals and other similar institutions.

2. TERMINOLOGY

2.0 For the purpose this standard, the definition given in 2.1 shall apply.

2.1 Trolley Dressing — Trolley used for the purpose of dressing at the bedside in the wards or dressing rooms.

3. MATERIALS

3.1 Framework — shall be as given in 2.1 of IS : 4033-1968*.

3.2 Shelves — These shall be made from polished plate glass having a minimum thickness of 6 mm.

3.3 Pivot Bar, Rings and Disc — These shall be of mild steel, either of cold-rolled or hot-rolled quality.

3.4 Castors — These shall conform to the requirements specified in IS : 4034-1968†.

4. DIMENSIONS

4.1 The main dimensions of the trolley shall be as given in Fig. 1.

4.2 The thickness of the tubes used and their corresponding outside diameters for different parts shall be as given below:

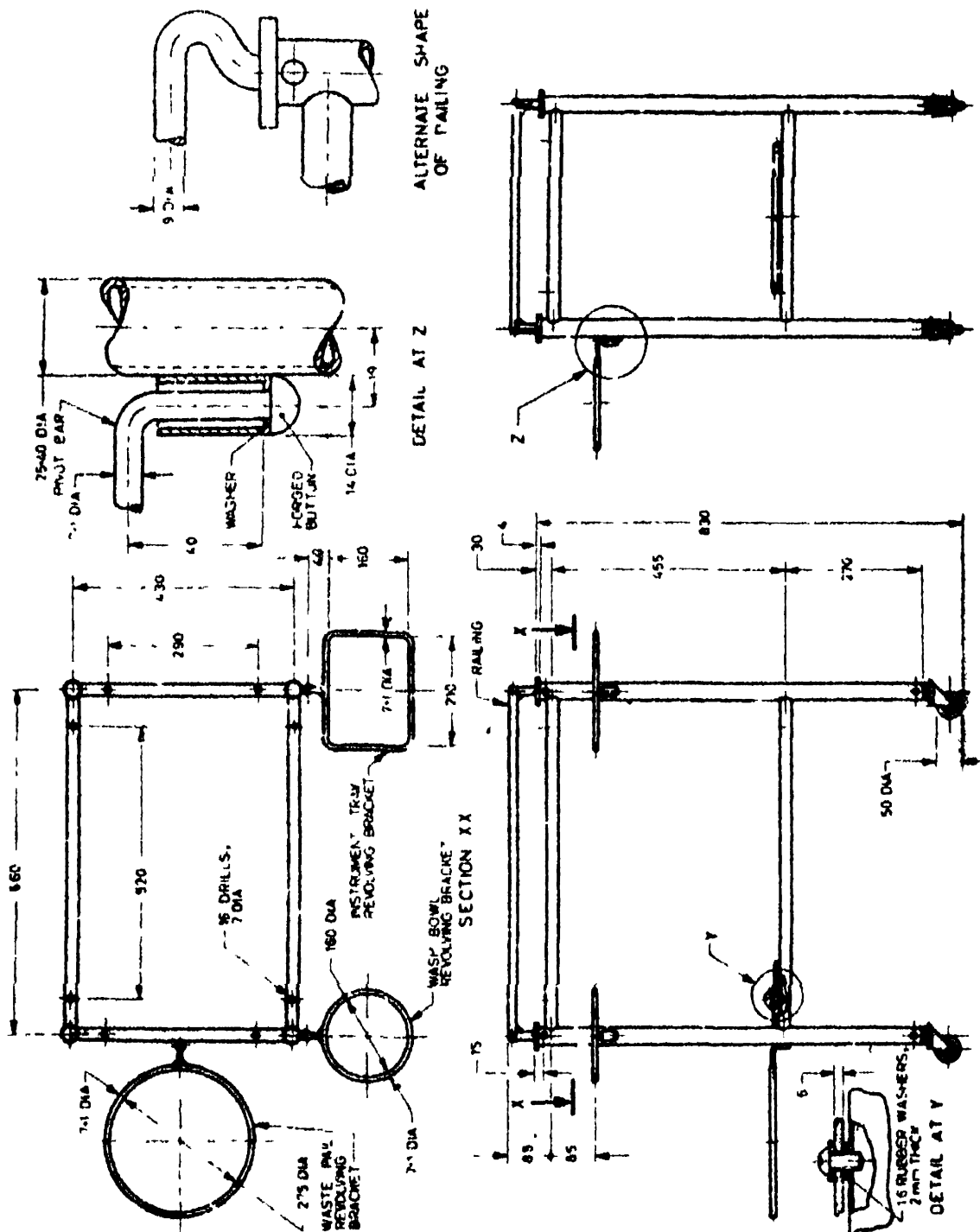
<i>Member</i>	<i>Thickness of Tube</i> mm	<i>Outside Dia of Tube</i> mm
Vertical	1·22	25·40
Horizontal	1·22	19·05

5. MANUFACTURE

5.1 Framework — The trolley shall have a framework of single continuous length mild steel tubes as shown in Fig. 1. The four upright members shall be connected together by a pair of longitudinal and a pair of transverse tie rods. The two longitudinal and two transverse tie rods shall be connected to the four upright members in such a way so as to form supporting frame for shelves, suitable for receiving round-edged plate glass shelves. The top shelf shall be provided with a chromium-plated railing on three sides. On the front side, revolving brackets

*General requirements for hospital furniture.

†Specification for castors for hospital equipment.



All dimensions in millimetres.

FIG. 1 TROLLEY, DRESSING

IS : 4769 - 1968

shall be provided for accommodating a 200 mm top dia wash bowl (*see* IS : 3994-1967*) and a 200 × 150 × 50 mm size instruments tray (*see* IS : 3993-1967†). On the left side an attachment shall be provided for receiving a waste pail as shown in the Fig. 1. The rest of the details shall conform to the requirements laid down in 4 of IS : 4033-1968‡.

5.2 Castors — The trolley shall be provided with four castors, each 50 mm in dia, having antistatic rubber tread. Rest of the details shall be as in 4.2 of IS : 4033-1968‡.

6. FINISH

6.1 The finish shall be as specified in 5 of IS : 4033-1968‡.

6.2 The railing shall be chromium plated over nickel and the plating shall conform to Grade B of IS : 1068-1958§.

7. TESTS

7.1 Adhesion Test — This shall be conducted as in 6.1.1 of IS : 4033-1968‡.

7.2 Performance Test — This shall be as specified in 6.1.2 of IS : 4033-1968‡. However, the performance shall be determined without putting any additional load; the rest of the things being in position.

7.2.1 In addition, while taking the performance the glass shelves shall not get displaced or make excessive rattling noise.

8. MARKING

8.1 The marking shall be as specified in 7 of IS : 4033-1968‡.

9. PACKING

9.1 The packing shall be as specified in 8 of IS : 4033-1968‡.

*Specification for bowls, wash.

†Specification for trays, instrument.

‡General requirements for hospital furniture.

§Specification for copper, nickel and chromium electroplated coatings. (Since revised).

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